

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/37359

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/445; C07D 211/54

US CL : 514/317; 546/192

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/317; 546/192

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Database CAPLUS on STN (Columbus, OH, USA) nO. 139:364829, 'Preparation of heterocyclo inhibitors of potassium channel function' Lloy et al. see entire artical, especially RN 619277-83-7 and 619295-12-4.	1-26
Y	Wermuth "The practice of medicinal chemistry" Academic Press, 1996, pages 203-206, see entire document.	1-17
Y	Database CAPLUS on STN (Columbus, OH, USA) No. 128:150374 'Human potassium channel 1 and 2 proteins' Li et al. US 5,710,019, abstract, see entire article.	18-26
Y	Database CAPLUS on STN (Columbus, OH, USA) 'potassium channel modulators for the treatment of CNS disorders' Coghlan et al. Ann. rep. in medicinal chem. v.36, pages 11-20, (2001) abstract, see entire article.	18-26



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A " document defining the general state of the art which is not considered to be of particular relevance

"E " earlier application or patent published on or after the international filing date

"L " document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O " document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X "

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"& "

document member of the same patent family

Date of the actual completion of the international search

02 June 2005 (02.06.2005)

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